

Package: lobby (via r-universe)

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Title Interact with the 'US Senate Lobbying Disclosure API'

Version 0.0.2

Description Download and read data on lobbying in the United States Congress. Data is queried from the Senate's Application Programming Interface (<<https://lda.senate.gov/api/>>). This supports filings since 2008. Functions exist for all primary data endpoints, including queries by filings, contributions, registrations, clients, and lobbyists.

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Contents

key	2
lob_constants_filing_types	3
lob_list_clients	4
lob_list_contributions	5
lob_list_filings	7
lob_list_lobbyists	10
lob_list_registrants	11
lob_request_next	12
lob_retrieve_client	12
lob_retrieve_contribution	13
lob_retrieve_filing	13
lob_retrieve_lobbyist	14
lob_retrieve_registrant	15
set_lobby_key	15
Index	17

key

Check or Get US Senate Lobbying Disclosure API Key

Description

Check or Get US Senate Lobbying Disclosure API Key

Usage

has_lobby_key()

get_lobby_key()

lob_get_key()

lob_has_key()

Value

logical if has, key if get

Examples

has_lobby_key()

lob_constants_filing_types
Get constants

Description

Get constants

Usage

```
lob_constants_filing_types()
lob_constants_lobbying_activity_issues()
lob_constants_government_entities()
lob_constants_countries()
lob_constants_states()
lob_constants_prefixes()
lob_constants_suffixes()
lob_constants_contribution_item_types()
```

Value

a tibble of lobbyists

Examples

```
lob_constants_filing_types()
lob_constants_lobbying_activity_issues()
lob_constants_government_entities()
lob_constants_countries()
lob_constants_states()
lob_constants_prefixes()
lob_constants_suffixes()
lob_constants_contribution_item_types()
```

lob_list_clients *List Lobbying Filings*

Description

List Lobbying Filings

Usage

```
lob_list_clients(
  client_country = NULL,
  client_name = NULL,
  client_ppb_country = NULL,
  client_ppb_state = NULL,
  client_state = NULL,
  id = NULL,
  ordering = NULL,
  page = NULL,
  page_size = NULL,
  registrant_id = NULL,
  registrant_name = NULL,
  clean = TRUE
)
```

Arguments

`client_country` Client Country. Such as "US" or "CA".

`client_name` Client Name. String value.

`client_ppb_country` Client PPB Country. Such as "US" or "CA".

`client_ppb_state` Client PPB State. Such as "AL" or "AK".

`client_state` Client State. Such as "AL" or "AK".

`id` ID. Integer value.

`ordering` Which field to use when ordering the results. String value.

`page` A page number within the paginated result set. Integer value.

`page_size` Number of results to return per page. Integer value.

`registrant_id` Registrant ID. Integer value.

`registrant_name` Registrant Name. String value.

`clean` Default is TRUE. Should output be returned as a tibble (TRUE) or list.

Value

a tibble of clients

Examples

```
lob_list_clients(client_country = 'US')
```

lob_list_contributions

List Contribution Reports

Description

List Contribution Reports

Usage

```
lob_list_contributions(  
  contribution_amount_max = NULL,  
  contribution_amount_min = NULL,  
  contribution_contributor = NULL,  
  contribution_date_after = NULL,  
  contribution_date_before = NULL,  
  contribution_honoree = NULL,  
  contribution_payee = NULL,  
  contribution_type = NULL,  
  filing_dt_posted_after = NULL,  
  filing_dt_posted_before = NULL,  
  filing_period = NULL,  
  filing_type = NULL,  
  filing_uuid = NULL,  
  filing_year = NULL,  
  lobbyist_exclude = NULL,  
  lobbyist_id = NULL,  
  lobbyist_name = NULL,  
  ordering = NULL,  
  page = NULL,  
  page_size = NULL,  
  registrant_id = NULL,  
  registrant_name = NULL,  
  clean = TRUE  
)
```

Arguments

contribution_amount_max
Contribution Amount Range. Float value.

contribution_amount_min
Contribution Amount Range. Float value.

<code>contribution_contributor</code>	Contribution Contributor Name. String value.
<code>contribution_date_after</code>	Contribution Date Range (Before / After): yyyy-mm-dd. Date value.
<code>contribution_date_before</code>	Contribution Date Range (Before / After): yyyy-mm-dd. Date value.
<code>contribution_honoree</code>	Contribution Honoree Name. String value.
<code>contribution_payee</code>	Contribution Payee Name. String value.
<code>contribution_type</code>	Contribution Type. Such as "feca", "he", "me", "ple", or "pic".
<code>filing_dt_posted_after</code>	Filing Date Posted Range (Before / After): yyyy-mm-dd. Date-time value.
<code>filing_dt_posted_before</code>	Filing Date Posted Range (Before / After): yyyy-mm-dd. Date-time value.
<code>filing_period</code>	Filing Period. Such as "first_quarter", "second_quarter", "third_quarter", "fourth_quarter", "mid_year", or "year_end".
<code>filing_type</code>	Filing Type. Such as "RR", "RA", "Q1", "Q1Y", "1T", or "1TY".
<code>filing_uuid</code>	<code>filing_uuid</code> . UUID value.
<code>filing_year</code>	Filing Year. Such as 2025, 2024, or 2023.
<code>lobbyist_exclude</code>	Exclude reports filed by the lobbyists. Boolean value.
<code>lobbyist_id</code>	Lobbyist ID. Integer value.
<code>lobbyist_name</code>	Lobbyist Name. String value.
<code>ordering</code>	Which field to use when ordering the results. String value.
<code>page</code>	A page number within the paginated result set. Integer value.
<code>page_size</code>	Number of results to return per page. Integer value.
<code>registrant_id</code>	Registrant ID. Integer value.
<code>registrant_name</code>	Registrant Name. String value.
<code>clean</code>	Default is TRUE. Should output be returned as a tibble (TRUE) or list.

Value

a tibble of lobbying contributions

Examples

```
lob_list_contributions()
```

lob_list_filings	<i>List Lobbying Filings</i>
------------------	------------------------------

Description

List Lobbying Filings

Usage

```
lob_list_filings(  
  affiliated_organization_country = NULL,  
  affiliated_organization_listed_indicator = NULL,  
  affiliated_organization_name = NULL,  
  client_country = NULL,  
  client_id = NULL,  
  client_name = NULL,  
  client_ppb_country = NULL,  
  client_ppb_state = NULL,  
  client_state = NULL,  
  filing_amount_reported_max = NULL,  
  filing_amount_reported_min = NULL,  
  filing_dt_posted_after = NULL,  
  filing_dt_posted_before = NULL,  
  filing_period = NULL,  
  filing_specific_lobbying_issues = NULL,  
  filing_type = NULL,  
  filing_uuid = NULL,  
  filing_year = NULL,  
  foreign_entity_country = NULL,  
  foreign_entity_listed_indicator = NULL,  
  foreign_entity_name = NULL,  
  foreign_entity_ownership_percentage_max = NULL,  
  foreign_entity_ownership_percentage_min = NULL,  
  foreign_entity_ppb_country = NULL,  
  lobbyist_conviction_date_range_after = NULL,  
  lobbyist_conviction_date_range_before = NULL,  
  lobbyist_conviction_disclosure = NULL,  
  lobbyist_conviction_disclosure_indicator = NULL,  
  lobbyist_covered_position = NULL,  
  lobbyist_covered_position_indicator = NULL,  
  lobbyist_id = NULL,  
  lobbyist_name = NULL,  
  ordering = NULL,  
  page = NULL,  
  page_size = NULL,  
  registrant_country = NULL,  
  registrant_id = NULL,
```

```

    registrant_name = NULL,
    registrant_ppb_country = NULL,
    clean = TRUE
)

```

Arguments

```

affiliated_organization_country
    Affiliated Organization Country. Such as "US" or "CA".
affiliated_organization_listed_indicator
    Any Affiliated Organizations Listed. Boolean value.
affiliated_organization_name
    Affiliated Organization Name. String value.
client_country
    Client Country. Such as "US" or "CA".
client_id
    Client ID. Integer value.
client_name
    Client Name. String value.
client_ppb_country
    Client PPB Country. Such as "US" or "CA".
client_ppb_state
    Client PPB State. Such as "AL" or "AK".
client_state
    Client State. Such as "AL" or "AK".
filing_amount_reported_max
    Filing Amount Reported Range (Min / Max). Float value.
filing_amount_reported_min
    Filing Amount Reported Range (Min / Max). Float value.
filing_dt_posted_after
    Filing Date Posted Range (Before / After): yyyy-mm-dd. Date-time value.
filing_dt_posted_before
    Filing Date Posted Range (Before / After): yyyy-mm-dd. Date-time value.
filing_period
    Filing Period. Such as "first_quarter", "second_quarter", "third_quarter", "fourth_quarter",
    "mid_year", or "year_end".
filing_specific_lobbying_issues
    Filing Specific Lobbying Issues (Supports Advanced Text Searching). String
    value.
filing_type
    Filing Type. Such as "RR", "RA", "Q1", "Q1Y", "1T", or "1TY".
filing_uuid
    filing_uuid. UUID value.
filing_year
    Filing Year. Such as 2025, 2024, or 2023.
foreign_entity_country
    Foreign Entity Country. Such as "US" or "CA".
foreign_entity_listed_indicator
    Any Foreign Entities Listed. Boolean value.
foreign_entity_name
    Foreign Entity Name. String value.

```

foreign_entity_ownership_percentage_max	Foreign Entity Ownership Percentage. String value.
foreign_entity_ownership_percentage_min	Foreign Entity Ownership Percentage. String value.
foreign_entity_ppb_country	Foreign Entity PPB Country. Such as "US" or "CA".
lobbyist_conviction_date_range_after	Lobbyist Conviction Date Range (Before / After): yyyy-mm-dd. Date value.
lobbyist_conviction_date_range_before	Lobbyist Conviction Date Range (Before / After): yyyy-mm-dd. Date value.
lobbyist_conviction_disclosure	Lobbyist Conviction Description (Supports Advanced Text Searching). String value.
lobbyist_conviction_disclosure_indicator	Lobbyist Any Disclosed Conviction(s). Boolean value.
lobbyist_covered_position	Lobbyist Covered Position (Supports Advanced Text Searching). String value.
lobbyist_covered_position_indicator	Any Covered Government Position(s). Boolean value.
lobbyist_id	Lobbyist ID. Integer value.
lobbyist_name	Lobbyist Name. String value.
ordering	Which field to use when ordering the results. String value.
page	A page number within the paginated result set. Integer value.
page_size	Number of results to return per page. Integer value.
registrant_country	Registrant Country. Such as "US" or "CA".
registrant_id	Registrant ID. Integer value.
registrant_name	Registrant Name. String value.
registrant_ppb_country	Registrant PPB Country. Such as "US" or "CA".
clean	Default is TRUE. Should output be returned as a tibble (TRUE) or list.

Value

a tibble of lobbying filings

Examples

```
lob_list_filings(filing_year = 2024)
```

lob_list_lobbyists *List Lobbyists*

Description

List Lobbyists

Usage

```
lob_list_lobbyists(  
  id = NULL,  
  lobbyist_name = NULL,  
  ordering = NULL,  
  page = NULL,  
  page_size = NULL,  
  registrant_id = NULL,  
  registrant_name = NULL,  
  clean = TRUE  
)
```

Arguments

id	ID. Integer value.
lobbyist_name	Lobbyist Name. String value.
ordering	Which field to use when ordering the results. String value.
page	A page number within the paginated result set. Integer value.
page_size	Number of results to return per page. Integer value.
registrant_id	Registrant ID. Integer value.
registrant_name	Registrant Name. String value.
clean	Default is TRUE. Should output be returned as a tibble (TRUE) or list.

Value

a tibble of lobbyists

Examples

```
lob_list_lobbyists()
```

lob_list_registrants *List Registrants*

Description

List Registrants

Usage

```
lob_list_registrants(  
  country = NULL,  
  dt_updated_after = NULL,  
  dt_updated_before = NULL,  
  id = NULL,  
  ordering = NULL,  
  page = NULL,  
  page_size = NULL,  
  ppb_country = NULL,  
  registrant_name = NULL,  
  state = NULL,  
  clean = TRUE  
)
```

Arguments

country	Country. Such as "US" or "CA".
dt_updated_after	Date Update Range (Before / After): yyyy-mm-dd. Date-time value.
dt_updated_before	Date Update Range (Before / After): yyyy-mm-dd. Date-time value.
id	ID. Integer value.
ordering	Which field to use when ordering the results. String value.
page	A page number within the paginated result set. Integer value.
page_size	Number of results to return per page. Integer value.
ppb_country	PPB Country. Such as "US" or "CA".
registrant_name	Registrant Name. String value.
state	State. Such as "AL" or "AK".
clean	Default is TRUE. Should output be returned as a tibble (TRUE) or list.

Value

a tibble of lobbying registrants

Examples

```
lob_list_registrants(country = 'US')
```

lob_request_next	<i>Request next set of responses</i>
------------------	--------------------------------------

Description

Request next set of responses

Usage

```
lob_request_next(response, max_req = 1)
```

Arguments

response	A tibble::tibble from a lob_* function
max_req	A max number of additional requests to make. Default is 1.

Value

a tibble with responses bound by row to new results

Examples

```
lob_list_filings(filing_year = 2024) |>
  lob_request_next()
```

lob_retrieve_client	<i>Retrieve a specific client by its ID</i>
---------------------	---

Description

Retrieve a specific client by its ID

Usage

```
lob_retrieve_client(id, clean = TRUE)
```

Arguments

id	ID. Integer value.
clean	Default is TRUE. Should output be returned as a tibble (TRUE) or list.

Value

a tibble of lobbying client details

Examples

```
lob_retrieve_client(id = '44400')
```

lob_retrieve_contribution

Retrieve a specific contribution by its UUID

Description

Retrieve a specific contribution by its UUID

Usage

```
lob_retrieve_contribution(filing_uuid, clean = TRUE)
```

Arguments

filing_uuid filing_uuid. UUID value.

clean Default is TRUE. Should output be returned as a tibble (TRUE) or list.

Value

a tibble of lobbying contribution details

Examples

```
lob_retrieve_contribution(filing_uuid = '86260004-84e7-46e3-9cfa-76edae508768')
```

lob_retrieve_filing

Retrieve a specific filing by its UUID

Description

Retrieve a specific filing by its UUID

Usage

```
lob_retrieve_filing(filing_uuid, clean = TRUE)
```

Arguments

filing_uuid filing_uuid. UUID value.
clean Default is TRUE. Should output be returned as a tibble (TRUE) or list.

Value

a tibble of lobbying filing details

Examples

```
lob_retrieve_filing(filing_uuid = '3b181214-b253-462c-ad64-783c827e159e')
```

lob_retrieve_lobbyist *Retrieve a specific lobbyist by their ID*

Description

Retrieve a specific lobbyist by their ID

Usage

```
lob_retrieve_lobbyist(id, clean = TRUE)
```

Arguments

id ID. Integer value.
clean Default is TRUE. Should output be returned as a tibble (TRUE) or list.

Value

a tibble of lobbyist

Examples

```
lob_retrieve_lobbyist(id = 1)
```

lob_retrieve_registrant

Retrieve a specific registrant by their ID

Description

Retrieve a specific registrant by their ID

Usage

```
lob_retrieve_registrant(id, clean = TRUE)
```

Arguments

id	ID. Integer value.
clean	Default is TRUE. Should output be returned as a tibble (TRUE) or list.

Value

a tibble of lobbying registrant details

Examples

```
lob_retrieve_registrant(id = '11')
```

set_lobby_key

Add Entry to Renviron

Description

Adds US Senate Lobbying Disclosure API key to .Renviron.

Usage

```
set_lobby_key(key, overwrite = FALSE, install = FALSE, r_env = NULL)
```

```
lob_set_key(key, overwrite = FALSE, install = FALSE, r_env = NULL)
```

Arguments

key	Character. API key to add to add.
overwrite	Defaults to FALSE. Boolean. Should existing USSLDA_KEY in Renviron be overwritten?
install	Defaults to FALSE. Boolean. Should this be added '~/.Renviron' file?
r_env	Path to install to if install is TRUE.

Value

key, invisibly

Examples

```
example_env <- tempfile(fileext = '.Renviro')
set_lobby_key('1234', r_env = example_env)
# r_env should likely be: file.path(Sys.getenv('HOME'), '.Renviro')
```

Index

`get_lobby_key (key)`, [2](#)

`has_lobby_key (key)`, [2](#)

`key`, [2](#)

`lob_constants_contribution_item_types`
(`lob_constants_filing_types`), [3](#)

`lob_constants_countries`
(`lob_constants_filing_types`), [3](#)

`lob_constants_filing_types`, [3](#)

`lob_constants_government_entities`
(`lob_constants_filing_types`), [3](#)

`lob_constants_lobbying_activity_issues`
(`lob_constants_filing_types`), [3](#)

`lob_constants_prefixes`
(`lob_constants_filing_types`), [3](#)

`lob_constants_states`
(`lob_constants_filing_types`), [3](#)

`lob_constants_suffixes`
(`lob_constants_filing_types`), [3](#)

`lob_get_key (key)`, [2](#)

`lob_has_key (key)`, [2](#)

`lob_list_clients`, [4](#)

`lob_list_contributions`, [5](#)

`lob_list_filings`, [7](#)

`lob_list_lobbyists`, [10](#)

`lob_list_registrants`, [11](#)

`lob_request_next`, [12](#)

`lob_retrieve_client`, [12](#)

`lob_retrieve_contribution`, [13](#)

`lob_retrieve_filing`, [13](#)

`lob_retrieve_lobbyist`, [14](#)

`lob_retrieve_registrant`, [15](#)

`lob_set_key (set_lobby_key)`, [15](#)

`set_lobby_key`, [15](#)

`tibble::tibble`, [12](#)